| In | dex of | Claims |  |
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|    |        |        |  |

| Application/Control No | ō. |
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09/888,298 Examiner

**Emmanuel Coffy** 

Applicant(s)/Patent under Reexamination

SMITH ET AL.

Art Unit

2157

| <b>√</b> | Rejected |
|----------|----------|
| 11       | Allowed  |

| _ | (Through numeral)<br>Cancelled |
|---|--------------------------------|
| ÷ | Restricted                     |

| N | Non-Elected  |  |
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| _ | Interference |  |

| A | Appeal   |
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| o | Objected |

| Cla      | im   | F  |  |  |              | Date     |  |  |          |          |
|----------|--|--|--|--|--------------|----------|--|--|----------|----------|
| Cir      | 11111  | -  | Τ-   |  | <del>'</del> | Tai      | _  | 1  | _        | ,        |
| Final    | Original                                     | 11/30/05   |  |  |              |          |  |  |          |          |
|          | 1  | 1  |  |  |              | <u> </u> |  |  |          |          |
|          | 2  | 1  |  |  |              |          |  |  |          |          |
|          | 3  | √  |  |  | _            |          |  |  |          |          |
|          | 4  | 1  | ┰  |  |              |          |  |  |          |          |
|          | 1<br>2<br>3<br>4<br>5                        | V  |  | $\vdash$   | m            |          | $\vdash$   | Н  | m        |          |
|          | 6  | ij   |  |  |              | $\vdash$ | -  |  | -        | $\vdash$ |
|          | 6<br>7                                       | V  |  | $\vdash$   | $\vdash$     | $\vdash$ |  | $\vdash$   | -        | Н        |
| <b>!</b> | 8  | j  | ┢  | $\vdash$   | ┢            |          | $\vdash$   | $\vdash$   | H        | $\vdash$ |
|          | 9  | j  | <del>                                     </del> | $\vdash$   | $\vdash$     | $\vdash$ | $\vdash$   | $\vdash$   |          |          |
|          | 9  | V  | ┢  | ┢  |              |          |  |  |          | H        |
|          | 11   | Ì  | ┢  | $\vdash$   |              |          |  |  |          | H        |
|          | 12   | V  | $\vdash$   | $\vdash$   | $\vdash$     | H        | $\vdash$   |  |          |          |
|          | 13   | 1  |  |  |              | <u> </u> |  | <del>                                     </del> | l        | М        |
|          | 14   | J  |  | <del>                                     </del> | 一            | $\vdash$ | _  | $\vdash$   | $\vdash$ | Н        |
|          | 11<br>12<br>13<br>14<br>15<br>16<br>17<br>18 | \rangle \rangl | <del>                                     </del> |  | Н            | T        | $\vdash$   | $\vdash$   |          | Н        |
|          | 16   | 1  |  | l  |              | t        | <u> </u>   | <u> </u>   |          | $\vdash$ |
|          | 17   | 1  |  | <u> </u>   |              |          | <del>                                     </del> | $\vdash$   | $\vdash$ | $\vdash$ |
|          | 18   | 1  |  |  |              |          | _  | _  | $\vdash$ | П        |
|          | 19   | 1  |  |  | _            | T        |  |  | $\vdash$ | Н        |
|          | 20   | 1  |  |  |              | 1        | _  | _  | $\vdash$ | Н        |
| - 0      | 20<br>21                                     | 1  |  |  |              |          | $\vdash$   | _  | $\vdash$ | Н        |
|          | 22   | 1  |  |  |              |          |  |  |          | П        |
|          | 23   | 1  |  |  |              |          | _  |  |          | Н        |
|          | 24   |  |  |  |              |          |  |  |          | П        |
|          | 23<br>24<br>25                               |  |  |  |              | $\vdash$ | _  | _  |          |          |
|          | 26   |  |  |  |              | $\Box$   |  |  | Г        | П        |
|          | 27   |  |  |  |              |          |  |  |          |          |
|          | 26<br>27<br>28                               |  |  |  |              |          |  |  |          |          |
|          | 29<br>30                                     |  |  |  |              |          |  |  |          | П        |
|          | 30   |  |  |  |              |          |  |  |          |          |
|          | 31   |  |  |  |              |          |  | _  |          |          |
|          | 32   |  |  |  |              |          |  |  |          | П        |
|          | 33   |  |  |  |              |          |  |  |          | П        |
|          | 34   |  |  |  |              |          |  |  |          | $\Box$   |
|          | 35   |  |  |  |              |          |  |  |          | П        |
|          | 36   |  |  |  |              |          |  |  |          | П        |
|          | 37   |  |  | Г  | Г            |          |  |  |          | П        |
|          | 38   |  |  |  |              |          |  |  |          |          |
|          | 39   |  |  |  |              |          |  |  |          |          |
|          | 40   |  |  |  |              |          |  |  |          |          |
|          | 41   |  |  |  |              |          |  |  |          |          |
|          | 42   |  |  |  |              |          |  |  |          |          |
|          | 43   |  |  |  |              |          |  |  |          |          |
|          | 44   |  |  |  |              |          |  |  |          |          |
|          | 45   |  |  |  |              |          |  |  |          |          |
|          | 46   |  |  |  |              |          |  |  |          |          |
|          | 47   |  |  |  |              |          |  |  |          |          |
|          | 48   |  |  |  |              |          |  |  |          |          |
|          | 49   |  |  |  |              |          |  |  |          |          |
|          | 50   |  |  |  |              |          |  |  |          |          |

| Cla                  | aim            | I   |          |  | 1        | Dat          |          |          |  |          |
|----------------------|----------------|---|----------|--|----------|--------------|----------|----------|--|----------|
|                      |                | <del>                                     </del>  | <u> </u> |  | Т        | <u> </u>     | Ī        | П        | T  | Г        |
| Finat                | Original       |   |          |  |          |              |          | -        |  |          |
|                      | 51             |   |          |  |          |              |          |          |  |          |
|                      | 52<br>53       | $ldsymbol{ld}}}}}}$ | _        |  | ļ        | <u> </u>     | _        |          | <u> </u>   |          |
|                      | 53             | _   | _        | _  |          | _            | <u> </u> |          | L_   | _        |
| ļ                    | 54<br>55       | <u> </u>  | _        | _  | _        | L_           | <u> </u> | <u> </u> | <u> </u>   | _        |
|                      | 55             | <u> </u>  | <u> </u> |  | <u> </u> | _            | <u> </u> | _        | <u> </u>   | L        |
|                      | 56             | <del> </del>  | -        | -  | -        | <u> </u>     | _        | <u> </u> | ⊢  | L        |
|                      | 57<br>58       | -   | -        | -  |          | <del> </del> |          | $\vdash$ | $\vdash$   | H        |
|                      | 59             | -   | $\vdash$ | ┢  | ⊢        | <del> </del> |          |          |  | _        |
| ļ                    | 60             |   | -        | -  | ├─       | _            |          | -        |  |          |
|                      | 61             | _   |          | <del>                                     </del> | $\vdash$ | -            |          |          |  |          |
|                      | 62             | _   | $\vdash$ | -  |          |              |          |          |  |          |
|                      | 63             |   | Т        | $\vdash$   | $\vdash$ | Г            |          |          | Г  |          |
|                      | 64             | Г   |          |  |          | Ι            |          |          | <del>                                     </del> | Т        |
|                      | 65             |   |          | Γ  |          | Г            | Γ        |          |  | Г        |
|                      | 66<br>67       |   |          |  |          |              |          |          |  |          |
|                      | 67             |   |          |  |          |              |          |          |  |          |
|                      | 68             |   |          |  |          |              |          |          |  |          |
|                      | 69             | L.  |          |  |          |              | <u> </u> |          |  |          |
|                      | 70             |   |          |  |          |              |          |          | _  | <u> </u> |
|                      | 71<br>72<br>73 |   |          |  |          |              | _        | _        | <u> </u>   |          |
| <u></u>              | 72             |   |          |  |          | _            | <u> </u> | <u> </u> | _  | _        |
|                      | 73             |   |          |  |          |              | _        | <u> </u> |  | _        |
|                      | 74<br>75       | _   | _        | _  | _        | <u> </u>     | <u> </u> | L        | _  | _        |
| $\vdash$             | 75<br>76       | _   | -        | _  | <u> </u> | <u> </u>     |          | ├-       | -  | ┡        |
|                      | 77             | -   | }—       | ┢  | -        |              | ┝        | -        |  | ┝        |
|                      | 78             | —   | -        | -  |          | ┢            | ⊢        | ┢╾       |  | -        |
|                      | 79             | -   | $\vdash$ | $\vdash$   | $\vdash$ | ┝            | $\vdash$ | $\vdash$ | _  | H        |
|                      | 80             |   | $\vdash$ |  |          | $\vdash$     | $\vdash$ | $\vdash$ |  | ┝        |
|                      | 81             |   |          |  |          |              | $\vdash$ | $\vdash$ |  |          |
|                      | 82             |   | Г        |  | П        | Г            | Г        | $\vdash$ |  |          |
|                      | 83             |   |          |  | П        | Г            |          |          |  | Г        |
|                      | 84             |   |          |  |          |              |          |          |  |          |
|                      | 85             |   |          |  |          |              |          |          |  |          |
|                      | 86             |   |          |  |          |              |          |          |  |          |
|                      | 87             |   |          | Ĺ  |          |              |          |          |  |          |
|                      | 88             | _   | _        | <u> </u>   |          |              | _        |          | L  | _        |
|                      | 89             | $oxed{oxed}$  | _        | <u> </u>   | L        | L            |          |          | _  | <u> </u> |
|                      | 90             |   |          | <u> </u>   | <u> </u> | <u> </u>     |          | <u> </u> | _  | <u> </u> |
| $\vdash$             | 91             |   | _        | _  | H        | <b>.</b>     | ļ        | -        | -  | <u> </u> |
| $\vdash$             | 92             | H   | _        | $\vdash$   | $\vdash$ | H            | _        | $\vdash$ | -  | <u> </u> |
| $\vdash$             | 93             | -   | _        | $\vdash$   | $\vdash$ | $\vdash$     | _        | $\vdash$ | H  | $\vdash$ |
| $\vdash\vdash\vdash$ | 94<br>95       | <u> </u>  | -        | $\vdash$   | $\vdash$ |              | _        | $\vdash$ |  | $\vdash$ |
| $\vdash$             | 96             | H   | -        | <del> </del>                                     | $\vdash$ | <del> </del> | -        | -        | H  | $\vdash$ |
| $\vdash$             | 97             | H   | ⊢        | <del>                                     </del> | -        | $\vdash$     | H        | $\vdash$ |  |          |
| $\vdash$             | 98             | $\vdash$  |          | Ι  | $\vdash$ | _            | Н        |          | <u> </u>   |          |
|                      | 99             | $\vdash$  | Т        | $\vdash$   | Т        | _            | $\vdash$ |          |  |          |
|                      | 100            |   | _        |  | -        |              | $\vdash$ |          |  |          |
|                      |                |   | _        |  | _        |              | _        | _        |  |          |

| Cli   | aim   | Г             |               |  |  | Date           |              |              |              |          |
|-------|---|---------------|---------------|--|--|----------------|--------------|--------------|--------------|----------|
|       |   |               |               | Ī  | Γ  | Γ              |              | Г            | Г            | П        |
| Final | Original  |               |               |  |  |                |              |              |              |          |
|       | 101   | Γ             |               |  |  | П              |              |              |              |          |
|       | 101<br>102  |               |               |  |  |                |              |              |              |          |
|       | 103   |               |               |  |  |                |              |              |              |          |
|       | 104   |               |               |  |  | Ĺ              |              |              |              |          |
|       | 103<br>104<br>105   |               |               |  |  |                |              |              |              |          |
|       | 106   |               |               |  |  |                |              |              |              |          |
|       | 106<br>107<br>108   |               |               |  |  |                |              |              | <u> </u>     |          |
|       | 108   |               |               |  | L  | <u></u>        |              | L            |              |          |
|       | 109   |               | <u> </u>      |  |  |                |              |              |              |          |
|       | 110   |               | <u> </u>      |  | _  |                |              |              |              | Ш        |
|       | 111   |               |               |  |  | _              |              |              |              | Щ        |
|       | 112   |               |               |  |  | <u>L</u> .     | <u> </u>     | L            |              |          |
|       | 113   |               |               |  |  |                |              | _            |              | Щ        |
|       | 109<br>110<br>111<br>112<br>113<br>114<br>115<br>116                      | Ш.            |               | <u> </u>   | <u> </u>   | ļ              | L            | <u> </u>     | L_           | Ш        |
|       | 115   |               |               | _  |  | <u> </u>       | <u> </u>     | <u>L</u>     |              |          |
|       | 116   |               | <u> </u>      | <u> </u>   |  | <u> </u>       |              |              |              |          |
|       | 117<br>118<br>119   |               | <u> </u>      | <u>L</u>   | <u> </u>   | <u> </u>       | L            | <u> </u>     |              | Ш        |
|       | 118   |               |               | _  | <u>_</u>   |                |              | L            |              | Щ        |
|       | 119   | _             | _             |  | _  | <u> </u>       | <u> </u>     | <u> </u>     |              | Щ        |
|       | 120   |               | _             |  | _  |                |              | <u> </u>     |              | Ш        |
|       | 121   |               |               | <u> </u>   |  |                |              |              |              | Ш        |
|       | 122   |               | <u> </u>      | <u> </u>   |  | <u> </u>       | <u> </u>     | <u> </u>     |              | Ш        |
|       | 123   |               | _             | <u> </u>   | <u> </u>   | <u> </u>       | <u> </u>     | <u> </u>     | _            | Ш        |
|       | 124   | _             | _             |  | <u> </u>   |                | <u> </u>     | L            |              | Н        |
|       | 120<br>121<br>122<br>123<br>124<br>125<br>126<br>127<br>128<br>129<br>130 | _             |               | <u> </u>   |  | <u> </u>       |              | _            | _            | Н        |
|       | 126   |               | <u> </u>      |  | -  | -              |              | _            |              | Н        |
|       | 127   |               |               | _  | -  | _              |              | -            | -            | $\vdash$ |
|       | 120   | _             |               | -  |  | <del> </del>   | <del> </del> | ⊢            | -            |          |
|       | 129   |               | <u> </u>      | -  | ├  | ├—             | ├            | <del> </del> | -            |          |
|       | 131   |               |               | ├  | -  |                | ⊢            | H            |              |          |
|       | 132   | -             | $\vdash$      |  | -  |                | $\vdash$     | -            | -            | Н        |
|       | 131<br>132<br>133   | -             | _             | ├  | ┝  | <del> </del> — | -            |              | -            | -        |
|       | 134   |               | $\vdash$      | ├─   |  | ┢              |              |              |              | H        |
|       | 134<br>135  | -             | $\vdash$      | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$     | -            | -            | Н        |
|       | 136   | _             | $\vdash$      | $\vdash$   |  | <del> </del>   | $\vdash$     |              |              | $\vdash$ |
|       | 137   |               |               | $\vdash$   | $\vdash$   |                | Ι            | -            | <del> </del> | H        |
|       | 138   |               | _             | $\vdash$   | $\vdash$   | $\vdash$       | $\vdash$     |              | Т            | $\vdash$ |
|       | 139   |               | _             |  | $\vdash$   |                |              |              |              | Н        |
|       | 140   |               | $\vdash$      |  | Ι-   |                | М            |              |              | H        |
|       | 141   |               | $\vdash$      |  | Т  | _              |              |              |              | $\sqcap$ |
|       | 142   |               | $\overline{}$ |  | Г  | $\vdash$       |              |              | П            | П        |
|       | 143   |               |               |  | $\vdash$   |                |              |              | П            | М        |
|       | 144   |               | $\vdash$      | $\vdash$   | <del>                                     </del> |                |              |              |              | П        |
|       | 145   |               |               | $\vdash$   | $\vdash$   |                |              |              |              | П        |
| -     | 146   | _             |               | <del>                                     </del> | _  | Т              |              |              |              | Н        |
|       | 147   |               |               | $\vdash$   | $\vdash$   |                | $\vdash$     | П            | Г            | Н        |
|       | 148   |               |               | T  |  |                |              | П            |              | П        |
|       | 149   |               |               |  |  |                |              | $\vdash$     |              | П        |
|       | 150   |               |               |  |  |                |              | Г            |              | П        |
|       |   | $\overline{}$ |               |  |  |                |              |              |              |          |